

## Process for the manufacture of microdisperse fish oil preparations.

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 US4447418  
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### Abstract of EP0276772

Microdisperse pulverulent or aqueous fish oil preparations are prepared by first preemulsifying a fish oil together with a surfactant, a protective colloid, water and, if desired, customary pharmaceutical auxiliaries in a conventional high-speed stirrer and then emulsifying so finely in a high pressure homogeniser that the average diameter of the oil droplets is below 10  $\mu$ m, and optionally converting the two-phase mixture obtained into a dry powder by removal of water. In a preferred embodiment, the fish oil is dissolved, if desired while hot, in a volatile, water-miscible organic solvent together with a surfactant, the solution obtained is blended by mixing with a cold aqueous solution of a protective colloid, the oil phase resulting as submicroscopically small particles, the two-phase mixture obtained is freed of the solvent in a manner known per se and optionally converted into a dry powder by removal of water.

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